



The Gazette of India

PUBLISHED BY AUTHORITY

No. 45] NEW DELHI, SATURDAY, NOVEMBER 7, 1964 (KARTIKA 16, 1886)

Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 7th November, 1964

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

17th October 1964

96059. American Cast Iron Pipe Company. Materials for treating molten ferrous metals to produce nodular iron.
96060. P. V. Sagar. Simplified and economical process for the manufacture of aluminium sulphate.
96061. Dr. Y. Paul. Incubator for pre-mature babies.
96062. C. G. Kaimal. Automatic screw driver cum nut runner.
96063. Stanuarbon N. V. Process for the preparation of fertilizers containing nitrogen and phosphate.
96064. Lantor Limited. Improvements in the manufacture of non-woven fabrics. (19th October 1963).
96065. Gebrüder Pletscher. Improvements in or relating to electrostatic atomization.
96066. British Nylon Spinners Limited. Improvements in or relating to the manufacture of heterofilaments. (19th October 1963).
96067. Metallurgical Processes Limited and Imperial Smelting Corporation (N.S.C.) Limited. Improvements in or relating to the dezincing of lead. (18th October 1963).
96068. Imperial Chemical Industries Limited. Bonding process. (21st October 1963).
96069. The English Electric Company Limited. Improvements relating to potential difference detecting arrangements. (22nd October 1963).
96070. The English Electric Company Limited. Improvements in or relating to epicyclic gearboxes and to output control mechanisms therefor. (24th October 1963).
96071. C. I. Williams. Connection bracket.
96072. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for driving wire or tape-shaped welding electrodes.
96073. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Novel penicillins and process for preparing them.
96074. N. V. Organon. New 3, 3-alkylidene-19-nor-steroids.
96075. Burgess Products Company Limited. Improvements relating to electric switch devices.
96076. Burges Products Company Limited. Improvements in or relating to illuminated push-button-type electric switches.
96077. Burgess Products Company Limited. Improvements in actuators for electric switches.
96078. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Agents for controlling unwanted vegetation.
96079. Birfield Engineering Limited. Improvements in or relating to rotary seals. (21st October 1963).
96080. Verwaltungsgesellschaft Der Werkzeugmaschinenfabrik Oerlikon. Improvements in or relating to a method for unweaving at a wave weaving loom and improved wave weaving loom for the performance of the aforesaid method.
96081. Maschinenfabrik Friedrich Haas GmbH. Apparatus for drying a web of material such as dyed textile material.
96082. Merck & Co., Inc. Chemical compositions and processes.
96083. Sandoz Ltd. Improvement in or relating to organic compounds. (19th October 1963). [Addition to No. 87798].
96084. Sandoz Ltd. Improvements in or relating to organic compounds. (19th October 1963).
96085. Catylators Limited. Improvements relating to the control of current in electrolytic apparatus.
96086. Standard Telephones and Cables Limited. Crystal rectifiers and mountings therefor. (22nd November 1963). [Addition to No. 89120].
96087. G. D. Thakoor. Improvements in or relating to a gas cock unit.
96088. A. E. Staley Manufacturing Company. Process for the production of dextrose solutions.
96089. J. E. Diaz-Compain. Diffusor apparatus. (16th October 1963).
96090. Fabbbrica Italiana Magneti Marelli S.p.A. A clip or the like, resiliently engageable into peripheral grooves in pivots to restrain against axial movements members mounted on such pivots.
96091. AB Tetra. A package with a breakable opening-defining marking.

96092. AB Tetra. A laminated packaging material and a method or producing said material.
96093. O. Kjolseth and S. H. Willners. A method and an arrangement for measuring and controlling electrode positions in electric furnaces and the like.
96094. Ciba Limited. Manufacture of new quinoline compounds.
96095. Ciba Limited. Manufacture of triaryl compounds.
96096. Johns-Manville Corporation. Pipe coupling.
96097. V. D. Roosa. Fuel injection pump.
96098. SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Improvements in or relating to spindle mountings.
96099. Hitachi Ltd. Flexible axle roller hang type driving device for railway vehicles. (30th October 1963).
96100. Sita Rani Gupta. Bench type portable pipe bender suitable for bending G.I. or steel pipes.

19th October 1964

96101. Doctor (Homeo) G. V. Ramanen. Improvements in electric lighting system.
96102. M. P. Koppikar and C. Amratlal. Improvements in or relating to receptacles for holding food. [Addition to No. 86380].
96103. D. S. Dahanukar. Improvements in or relating to blade dispensers.
96104. D. A. Shamji. Improvements in or relating to bracelet for wrist watches and the like.
96105. Merit Werk Merten & Co., K. G. Device for blink-signalling installations, especially for cycles.
96106. M. R. Amladi. Improvements in or relating to cabinets, almirahs and the like.
96107. Remington Rand of India Limited. Improvements in and/or relating to job cards.
96108. Remington Rand of India Limited. Improvements in and relating to signalling indicators.
96109. Remington Rand of India Limited. Improvements in and relating to a job card assembly.
96110. Remington Rand of India Limited. Improvement in and relating to channelling means.
96111. Remington Rand of India Limited. Improvements in scheduling equipment.
96112. J. R. Geigy A. G. Process for the production of new ethanoanthracene derivatives.
96113. Allied Chemical Corporation. Process for preparing new fluoroacylaziridines of use in treating textiles.
96114. British Nylon Spinners Limited. Improvements in or relating to varying-tone colour effects in synthetic fibre fabrics. (22nd October 1963).
96115. American Chain & Cable Company, Inc. Manufacture of roll-reduced stranded cable.
96116. Vickers-Armstrongs (Engineers) Limited. Apparatus for evaporating liquid to separate solid material from the liquid. (21st October 1963).
96117. The British Petroleum Company Limited. Process for the removal, wholly or in part, of straight chain hydrocarbons from hydrocarbon mixtures. (14th November 1963).
96118. The British Petroleum Company Limited. Improvements in or relating to the cultivation of a micro-organism and to the removal, wholly or in part, of a straight chain hydrocarbon from a mixture in which it is contained. (14th November 1963).
96119. U. D. Engineering Co. Limited. Improvements in or relating to methods and apparatus for aseptically filling bottles or packages with sterile flowable substances and sealing them.
96120. Laporte Chemicals Limited. Improvements in or relating to hydrogen peroxide. (30th October 1963).
96121. Scholven-Chemie Aktiengesellschaft. Process for the production of adipic acid.

96122. Standard Telephones and Cables Limited. Electronic switching telephone system.
96123. Egesult Izzolampa Es Villamossagi Reszvenytársaság. Measurement and regulation of the wall thickness of drawn glass tubes.
96124. Nippon Kakot Seishi K. K. Method for production of foamed polyethylene and modified articles thereof.
96125. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Canister which is capable of being stacked and made of thermoplastic material.
96126. Ciba Limited. New disazo pigments and process for their manufacture.
96127. Ciba Limited. New disazo pigments and process for their manufacture.
96128. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the production of water-insoluble azo dyestuffs on textile material of cellulose or protein fibers.
96129. Continental Oil Company. Method for producing impedance logs using seismographic techniques.
96130. Siemens-Schuckertwerke Aktiengesellschaft. A method of bevelling an edge of a semi-conductor component and an apparatus thereof.
96131. VEB Elektro-Apparate-Werke Berlin-Treptow. Arrangement for the control of the release of a bimetallic relay.

21st October 1964

96132. P. S. Rao. Modelling art plaster.
96133. Council of Scientific and Industrial Research. Anodic phosphating.
96134. T. S. Mahalingagurkkal. Vacant seats indicator for road vehicles.
96135. Mrs. Balasubramaniam Vijaylakshmi, V. K. S. J. Sah and A. P. S. Durai. Improvements in or relating to electrical connectors for low tension overhead lines.
96136. E. Merck Aktiengesellschaft. Alumina-based chromatographic adsorbents.
96137. E. Merck Aktiengesellschaft. Asymmetrical pyridoxolyl disulphides and their preparation.
96138. Vyzkumny Ustav Matematických Strojů. Improvements in and relating to switching power amplifying circuits.
96139. Gosudarstvennyy Institut po Proektirovaniyu i Issledovaniju Vzyvobezopasnogo Electrooborudovaniya. Rotor resistor.
96140. I. P. Jankovsky, G. I. Kholodinsky and V. M. Skljadnev. Method of material compaction by vibration and installation for carrying out same.
96141. Westinghouse Electric Corporation. Compressor.
96142. Westinghouse Electric Corporation. Fuse structures.
96143. Westinghouse Electric Corporation. Current limiting fuse.
96144. J. R. Geigy A. G. Process for the production of reactive disazo dyestuffs.
96145. Dunlop Rubber Company Limited. Improvements in and relating to mechanical belting. (22nd October 1963).
96146. Farbenfabriken Bayer Aktiengesellschaft. Organopolysiloxane emulsions. (11th June 1964).
96147. The Bendix Corporation. Fuel feed and power control apparatus for combustion engines.
96148. The Goodyear Tire & Rubber Company. Improvements in polyurethane elastomers and process.
96149. Inventa A. G. Fur Forschung Und Patentverwertung. An apparatus for introducing pulverulent or granular solid substances into pressure vessels or for discharging such substances from pressure vessels.
96150. Standard Telephones and Cables Limited. Improvements to pabx working. (3rd December 1963).

96151. Kureha Spinning Company, Limited and Toyama Machine Works, Limited. Autodoffing apparatus and method.
96152. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the purification of polyolefins.

22nd October 1964

96153. Oldham & Son (India) Ltd. Improvements in or relating to signalling lamps or the like.
96154. Tiger Products Pvt. Ltd. Improvements in or relating to safety razor.
96155. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices consisting mainly of oxidic dielectric material.
96156. The Lubrizol Corporation. Process for preparing boron-containing, basic metal detergent compositions.
96157. The Lubrizol Corporation. Nitrogen-containing composition.
96158. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Compositions containing lipophilic compounds and process for the manufacture thereof.
96159. Socony Mobil Oil Company, Inc. Lubricating composition.
96160. Standard Telephones and Cables Limited. Electric cables. (11th November 1963).
96161. Standard Telephones and Cables Limited. Key-controlled multi-frequency tone generator.
96162. Standard Telephones and Cables Limited. Telephone tone ringer. (27th November 1963).
96163. O.M. Ltd. Pressing top roller of textile machine.
96164. Etablissements L. Faiveley. Improvements in and relating to the current take-off for high speed railways.
96165. Scottish Agricultural Industries Limited. Improvements in or relating to the removal of water from liquids. (24th October 1963).
96166. Imperial Chemical Industries Limited. Improved process for producing acid imide derivatives. (25th October 1963).
96167. Westwind Developments Limited. Improvements in or relating to air driven turbines. (24th October 1963).
96168. Indian Oxygen Limited. Improvements in profile cutting machines.
96169. Indian Oxygen Limited. Oxy-fuel flame burner nozzles and their manufacture.
96170. Rohm & Haas Company. Process for the preparation of macroreticular-structured copolymers.
96171. The Russell Manufacturing Co. Conveyor belt and method of jointing same.
96172. Yoshida Kogyo K. K. Method and apparatus for manufacturing coiled fastener elements.
96173. Siemens & Halske Aktiengesellschaft. Telecommunications equipment apparatus rack. (27th August 1964).
96174. Verenigde Aluminium-Werke Aktiengesellschaft. Electrolytic cell for the electrolytic recovery of metals especially aluminium from molten metal baths.
96175. Veb Elektro-Apparate-Werke Berlin-Treptow. Contact arrangement especially for automatic breakers.

23rd October 1964

96176. Dr. Sukriti Ranjan Gupta. Good grip gloves.
96177. Shell Internationale Research Maatschappij N. V. Lubricating oil compositions based on aliphatic esters. (25th October 1963).
96178. Shell Internationale Research Maatschappij N. V. Process for the removal of alkynes from hydrocarbon mixtures containing alkadienes. (25th October 1963).
96179. Scottish Agricultural Industries Limited. Improvements in or relating to the concentration of phosphoric acid. (24th October 1963).

96180. Esso Research and Engineering Company. Process for obtaining mineral oils with improved resistance to oxidation.
96181. Aktiebolaget Bofors. Improvements in or relating to a seal for reciprocating movement.
96182. The English Electric Company Limited. Improvements in or relating to fluid machines. [Divisional date 25th June 1963].
96183. Standard Telephones and Cables Limited. Method of etching a graded metallic film. (7th January 1964).
96184. Standard Telephones and Cables Limited. Measuring apparatus. (8th November 1963).
96185. Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Oxide cathode for electron discharge tubes and process for the production of it.
96186. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Introducing finely-divided solid fuel into a gasification chamber at elevated pressure.
96187. Draftex G.m.b.H. Improvements in trimming strips for motor vehicles.
96188. Standard Telephones and Cables Limited. Bridge limiter.
96189. Standard Telephones and Cables Limited. Method of and an arrangement for interchanging reels in a stranding machine.
96190. International Lift Slab Corporation. System for elevating building components.
96191. Orissa Industries Limited. Improvements in or relating to refractory bricks.

Alteration of date

86223. The claim to priority date 29th January 1962 has been disallowed and the application dated as of 28th January 1963, the date of filing in India.
88927. The claim to priority date 1st November 1962 has been disallowed and the application dated as of 15th July 1963, the date of filing in India.
88928. The claim to priority date 1st November 1962 has been disallowed and the application dated as of 15th July 1963, the date of filing in India.
93942. Ante-dated to 22nd April 1963 under Section 5 of the Act.
95332. Ante-dated to 28th January 1963 under Section 5 of the Act.
95333. Ante-dated to 28th January 1963 under Section 5 of the Act.
95334. Ante-dated to 28th January 1963 under Section 5 of the Act.
95335. Ante-dated to 28th January 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give Notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

86068. United States Rubber Company. Improvements in or relating to production of shaped articles from hydrocarbon polymers. Accepted on 17th October 1964.
- From a high molecular weight hydrocarbon polymer and a polymer having highly polar electron donating groups said polar polymer having electron donating groups being partially reacted at least at the surface of the article with Lewis acid.*
86132. Fisons Pest Control Limited. Improved preparations for the control of pests. (31st January 1962). Accepted on 21st October 1964.
- Comprises 4,5,6,7-tetrachlorobenzotriazoles or a salt thereof and a solid carrier.*
86223. K. M. Groetschel. Improvements relating to roof supports for mine workings. Accepted on 21st October 1964.
- Comprising power-operated extensible props mounted on a base element or elements and supporting a roof-engaging superstructure which includes a rearward part and a fore-part in the form of at least one bar or beam or frame supported at a point intermediate its ends by one or more of the props.*
87302. Sperry Rand Corporation. Sequential fluid amplifier. Accepted on 5th October 1964.
- Wherein two control streams deflect the power stream and selective means interrupt selectively one control stream.*
87313. The Cleveland Crane & Engineering Company. Self-aligning travelling crane. Accepted on 5th October 1964.
- Which comprises for supporting wheel independently driven on a runway and frictional means retarding the movement of the ends to align the crane on runway.*
87375. Orissa Cement Limited and Samarendralal Moitra. Improved refractory composition and articles made therefrom such as, bricks, blocks, slabs, and tiles. Accepted on 12th October 1964.
- Comprises preparing dry mix of 15-30% by weight of raw uncalcined Indian dunite, 25-30% by weight of coarse fraction of magnesite and adding organic binder with water and intimately mixing the ingredients into a homogeneous mass.*
87376. Orissa Cement Limited and Samarendralal Moitra. Improved refractory composition and articles made therefrom such as, bricks, blocks, slabs, and tiles. Accepted on 12th October 1964.
- Comprises a dry intimate mix of 40-50% by weight of raw uncalcined India dunite, 0-10% by weight of coarse fraction burnt magnesite, a fine fraction of 15-25% by weight of raw uncalcined Indian dunite and adding organic binder with water and intimately mixing the ingredients into a homogeneous mass.*
87400. Chemical Processes of Ohio, Inc. Urea manufacturing process. Accepted on 12th October 1964.
- Reacting ammonia and carbondioxide at high temperature to form a normally corrosive ammonium carbamate melt.*
87434. Council of Scientific and Industrial Research. A process for the production of well bleached and cross-linked tannery wool, hair and other keratinous fibres. Accepted on 17th October 1964.
- Subjecting raw tannery wool, hair and other keratinous fibres to acid washing, scouring, bleaching and softening treatment.*
87438. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to low-power electric machines. Accepted on 17th October 1964.
- Between bearing holder and stator and between brush holder and stator there being provided cylindrical sleeves with a small clearance with the rotor parts.*
87451. The British Iron and Steel Research Association. Improvements in or relating to the formation of metal coatings. Accepted on 17th October 1964.
- Electrophoretically depositing the coating metal on the metallic surface from a suspension of the coating metal in finely divided form in a homogeneous mixtures of a water-immiscible organic liquid and water, applying pressure to the coating followed by heating.*
87457. Minnesota Mining and Manufacturing Company. Copying of graphic originals. Accepted on 17th October 1964.
- Comprising locally briefly intensely heating a master sheet, having a stable transfer layer in a pattern corresponding to the image areas of said original.*
87474. The Dairy Supply Company Limited. Improvements in refrigeration plant and a refrigerated milk tank including the said plant. (17th April 1962). Accepted on 17th October 1964.
- Including a probe extending into the vessel and controlling a utilisation device in response to change in resistance when water in the vicinity of the end of the probe is converted into ice.*
87476. Shell Internationale Research Maatschappij N. V. A process for preparing a novel class of compounds having surface-active properties compounds so produced and compositions containing the same. Accepted on 17th October 1964.
- Reacting a halogen containing compound with a water soluble sulphite.*
87537. Phillips Petroleum Company. A process for preparing copolymers. Accepted on 19th October 1964.
- Reacting two monomeric materials in the presence of an organolithium compound and in the presence of a solvent mixture comprising (1) an hydrocarbon and (2) an organic polar compound.*
87564. Ofu Ofenbau-Union G.M.B.H. A roof construction for furnaces. Accepted on 22nd October 1964.
- The roof being provided with transverse bays in the end faces of which burners are arranged for heating the furnace and the material, the bays are constructed as parts of a continuous suspended roof and the burners arranged in the end faces being directly connected to supporting means disposed externally of the roof.*
87565. Sanghvi Non-Ferrous Metal Industries. Steam cooker. Accepted on 22nd October 1964.
- The vessel above the bottom vessel is provided with double walls, the outer wall in each being spaced from the inner one or more openings formed in the wall.*
87571. The Goodyear Tire & Rubber Company. Improvements in a method of bonding a reinforcing element to a rubber. Accepted on 22nd October 1964.
- Bonding a laminate of a rubber and a reinforcing cord by the formation of a thermoset resin at the rubber/cord interfaces by virtue of the presence on the cord prior to embedment in said rubber of an aldehyde/polyfunctional heat reactive resin.*
87572. Telefonaktiebolaget L M Ericsson. Electric capacitor. Accepted on 23rd October 1964.
- Comprises at least one capacitor element group placed in a container filled with impregnating liquor and composed of capacitor elements.*

87593. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor bodies having a P-N-type junction. Accepted on 23rd October 1964.

Using active impurities with concentrations so that $\sum N_I$ equals or greater than $\frac{\sum N_{II}}{2}$

$\sum N_I$ $\sum N_{II}$ for diffusion into semi-conductor material, N_I and N_{II} indicate conc. of impurity, in semi-conductor material, determining conductivity of substratum, and depositing material, \sum indicate of summation of conc. of all impurities in substratum and depositing materials respectively.

87682. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Apparatus and process for the preparation of styrene. Accepted on 21st October 1964.

A process for the separation of unreacted ethyl benzene from a gaseous stream containing dehydrogenation products thereof and steam comprises comprising at least a portion of said stream, passing the resultant compressed stream to the reboiler and conducting the steam in said stream.

87874. Morganite Research and Development Limited. Refractory materials. (10th May 1962). Accepted on 17th October 1964.

Comprises firing a shaped mixture of graphite and silicon carbide together with silicon or ferrosilicon, bonded with a carbon-yielding binder and allowing it to cool, initially heating it in non-oxidising nitrogen-containing atmosphere to a temperature 1150-1350°C, maintaining these for some time and rapidly increasing the temperature to 1400-1550°C.

87885. Owens-Corning Fiberglas Corporation. Glas composition particularly for forming glass fibers therefrom. Accepted on 23rd October, 1964.

Consisting of 55-85 parts by weight silica, 10-35 parts by weight alumina, and 4-25 parts by weight magnesla.

88124. Dominion Engineering Works Limited. Francis turbines and centrifugal pumps. (27th June 1962). Accepted on 23rd October 1964.

There being provided in a rotary hydraulic machine, a stationary housing, a shrowded runner secured to a shaft comprising blades spaced between a crown and a band.

88158. Imperial Chemical Industries Limited. Improved vulcanisation process for rubber. (1st June 1962). Accepted on 21st October 1964.

Characterised in that the retarder used is a quaternary ammonium salt.

88927. United States Rubber Company. Improvements in adhering textile materials to rubber. Accepted on 22nd October 1964.

Applying a vulcanisable rubber composition to the textile material and heating the assembly to vulcanise the rubber wherein trimeric methyleneaminoacetonitrile is added at the interface of the assembly.

88928. United States Rubber Company. Adhering textile materials to rubber. Accepted on 22nd October 1964.

Applying a vulcanisable rubber coating to the textile material, heating the assembly to vulcanise the rubber wherein a 1-aza-3:7-dioxabicyclo (3:3:0)-octane and a condensation product of resorcinol with a ketone are added at the interface of the assembly.

88955. The B. F. Goodrich Company. Novel organo phosphorous antioxidant-stabilizers for rubber and stabilized compositions containing same. (13th September 1962). Accepted on 23rd October 1964.

An aqueous emulsion of a diene rubber stabilised with about 0.01 to 5% by weight of an organic phosphite ester.

88997. C. A. Parsons & Company Limited. Improvements in and relating to dynamo-electric machines of the synchronous type. (27th July 1962). Accepted on 21st October 1964.

Barrier means to the flow of eddy current are interposed in parts of the rotor slots between the windings and the rotor surface to prevent the passage of eddy current across the slots at any point between the windings and the rotor surface.

89056. Westinghouse Electric Corporation. Improvements in or relating to capillary fans. Accepted on 21st October 1964.

Air moving element is formed of a material comprising sponge like foamed plastic.

89100. Universal Oil Products Company. The process for the curing of epoxy resins. Accepted on 23rd October 1964.

Characterised that an epoxy resin is mixed with a curing agent comprising an N'-N'-dialkyl diethylenetriamine.

89243. The Calico Printers' Association Limited. Improvements in textile finishing. (20th August 1962). [Addition to No. 80685]. Accepted on 23rd October 1964.

Impregnating the textiles with a solution of a 1-substituted-3:5-dimethylol-2:6-dihydrotriazine-4-one and an acid catalyst, partially drying the impregnated fabric, applying mechanical effect and holding the treated textiles in a smooth and crease free condition.

89439. Standard Telephones and Cables Limited. Antenna system. (31st August 1962). Accepted on 23rd October 1964.

Includes an antenna arrangement a first reflector, a second reflector, and a third reflector below the antenna.

90350. Phillips Petroleum Company. Process of polymerizing 1, 3-butadiene to cis-1, 4 polybutadiene. Accepted on 23rd October 1964.

Polymerising 1:3-butadiene by a catalyst comprising mixture of an organometal compound, a titanium compound and an iodine donor in the presence of a hydrocarbon diluent said polymerisation being carried out successively through a series of three reactors.

90507. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of linear polyesters pigmented with titanium dioxide. Accepted on 22nd October 1964.

A process for the production of linear polyesters pigmented with titanium dioxide by transesterification of an alkyl ester of a dibasic acid with a glycol.

90756. Phillips Petroleum Company. Recovery of organic polar compounds from polymerization processes. Accepted on 22nd October 1964.

Withdrawing a mixture of steam solvent and polar compound from a polymerisation zone, condensing said mixture and passing it to a liquid phase separation zone.

90988. Ciba Limited. Process for the manufacture of photographic silver halide emulsions by the flocculation method. Accepted on 23rd October 1964.

Using as a flocculating agent a linear copolymer of 2-oxo-N-vinyl heterocyclic compound and a water-soluble salt of acrylic acid or methacrylic acid.

93942. The Standard Oil Company. Process for the preparation of boric acid esters. (19th March 1963). [Divisional date 22nd April 1963]. Accepted on 21st October 1964.

Reacting one or more glycol borates or precursors thereof with one or more alcohols.

95332. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963]. Accepted on 21st October 1964.

Incorporating telescopically assembled prop sections forming at least two separate units, one section of each unit being associated with the base and the other unit and the other section having a respective load bearing element to support respective roof-engaging members.

95333. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963]. Accepted on 21st October 1964.

Incorporating three or more telescopic prop sections extendible by hydraulically pressurising associated chambers, one of said sections being associated with the base and the remainder of sections being interposed in series with each other between the base and a load bearing element, and the chamber affording different effective means.

95334. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963]. Accepted on 21st October 1964.

Comprising a roof-engaging superstructure carried by a plurality of power operated extensible props mounted on a base, the base including a part which can be projected forwardly by traction means and guide means to adjustable angularly on the base to determine the angle relatively to a longitudinally extending reference axis of the base at which such part is extended forwardly.

95335. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963]. Accepted on 21st October 1964.

Comprising a base and a roof-engaging superstructure, and two roof-engaging members carried by respective props on the base, one member having roof-engaging faces for contact with the roof and the other member having a roof-engaging face to contact the roof intermediate said roof-engaging faces.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

81363. 81417. 81689. 81721. 81859. 81863. 81886.
81962. 82065. 82540. 82582. 82839. 82840. 82875.
82879. 82880. 82896. 82901. 82911. 82915. 82930.
82939. 82951. 82952. 82954. 82957. 82970. 82986.
82989. 82992. 82993. 82999. 83006. 83079. 83083.
83089. 83099. 83114. 83124. 83142. 83148. 83184.
83194. 83198. 83211. 83331. 83451. 83467. 83633.
83647. 83667. 83705. 83763. 83783. 83786. 83787.
83792. 83833. 83864. 83879. 83980. 84021. 84029.
84030. 84110. 84232. 84373. 84447. 84456. 84948.
84966. 85088. 85243. 85614. 85724. 85965. 85979.
86127. 91008. 91215. 91363.

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Patents Sealed

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Amendment Proceedings

The amendment proposed by Imperial Chemical Industries Limited in respect of Patent application No. 86190 as advertised in the Gazette of India, Part III, Section 2, dated the 4th July, 1964, has been allowed.

Renewal Fees Paid

42287. 44009. 44031. 44050. 44055. 44056. 44066.
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Cessation of Patents

43437. 47592. 47600. 47618. 47624. 49830. 50017.
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Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 122902 to 122906. Ghanshyam Kejriwal, Indian Citizen, Stephen House, 4, Dalhousie Square East, Calcutta-1, West Bengal, "Match plates", August 5, 1964.

Class 3. No. 122648. Beenoo Plastics, Indian Firm, Barrack No. 1273-A, Ulhasnagar-4, District Thana (Maharashtra) "Fastners for clothings", July 13, 1964.

Class 6. No. 122746. Das Gupta Bros. and Co., Indian Partnership firm, 139B, Bidhan Sarani, Calcutta-4, West Bengal, India, "Football", July 24, 1964.

Class 13. Nos. 122909 to 122912. Hindustan Name Labels & Lace Co., Hemlanagar, Mathura Road, Faridabad, (Punjab), Indian Partnership firm, "Woven design on textile goods", August 5, 1964.

Class 13. Nos. 122995 to 123006. The Svadeshi Mills Co. Ltd., an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay, (Maharashtra), "Textile goods", August 14, 1964.

Class 13. Nos. 123277 to 123278. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", September 4, 1964.

Class 13. Nos. 123323 to 123326. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaugh, Bombay-12, Nationality—Indian Business concern (Private limited company), "Textile goods including silks and art silk piece-goods", September 5, 1964.

Class 13. Nos. 123491 to 123496. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaugh, Bombay-12, Nationality—Indian Business concern (Private limited company), "Textile goods including silks and art silk piece-goods", September 19, 1964.

Class 14. No. 123067, 123069 to 123074 and 123076. Kesoram Industries & Cotton Mills Limited, 42, Garden Reach Road, Calcutta-24, Indian Company, "Textile goods", August 20, 1964.

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Design Nos. 101840 and 101841, Class 1.

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